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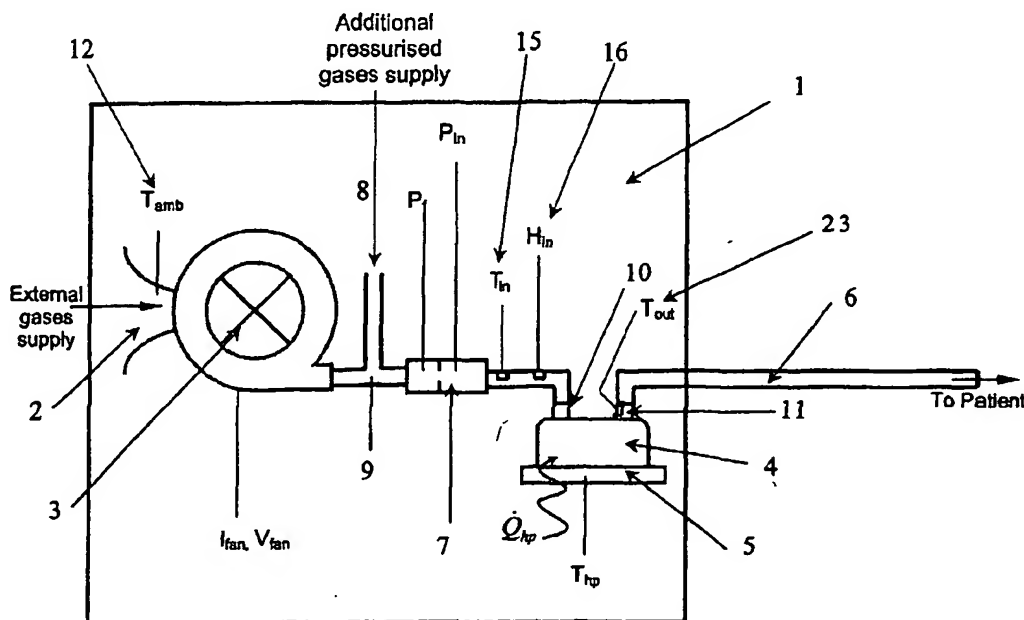
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(54) Title: HUMIDIFICATION SYSTEM



(57) Abstract: Breathing assistance apparatus including humidifier (4) and heated conduit (6) adapted to deliver humidified gases at desired and accurate level of humidity to patient. Humidifier includes controller (18) that delivers flow rate, temperature and humidity of gases and then determines required power input to deliver gases as required. Need for external sensors is dispensed with providing simple and less bulky apparatus.

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